Liam Barstad

Github: github.com/liambarstad

LinkedIn: linkedin.com/in/liam-barstad

Mission

Programming, to me, is the canvass on which to illustrate. I am passionate about coding, and would like to paint upon that canvass with optimal algorithms, mathematical analysis, and artistry. I will tenaciously persue any problem in front of me until a solution is found, and I am always excited to learn from and teach my peers.

Skills

Ruby · Rails · ActiveRecord · RSpec · JavaScript · React Native · iOS · ReactJS · Enzyme · jQuery · Express · Mocha/Chai · Python · Django · HTML/CSS · OOP · SQL · Neo4j · Solidity · RabbitMQ · Linear Classification · Agile Development · Simple Neural Networks

Education

Turing School of Software and Design

Back End Development 06/2017 - 03/2018

Turing involves approximately 1600-2000 hours of training and teaching. The program gives students the devices to learn and integrate practically any new technology and teaches valuable soft skills, agile development, and the intricacies of object oriented programming and design.

Front Range Community College

Applied Mathematics 08/2016 - Present

Front Range offered an introductory understanding of programming and C++, and aided in the development of mathematical, analytical, and peripheral skills. I hope to eventually complete my Bachelor's degree, and press on into a Master's degree in Applied Mathematics.

Projects

Ping Timer

A timer in React Native that allows users to time various activities. Users can receive notifications at set intervals and set custom notifications. Uses Realm as an onboard key-value store.

Battle Buddy

A mobile alarm app built in React Native, and deployed using Expo. Built to allow users to associate a location, such as a workplace or morning destination, to their morning alarm, using the MapView API.

Le Pivot

The Pivot was originally a single shop Rails application. Along with a team of three other programmers, we turned the application into a multi-tenanted website. Features were added such as Stripe, quick checkout, live messaging, Oauth, and shipping.

Rales Engine

A RESTful Rails API that provides info, relationships, and business intelligence pertaining to vendor and sales information. Uses ActiveRecord and large datasets.

Titanic Predictor

A functional neural net built in Python, using the Django framework and Neo4j. It is currently being developed into an accessible web application. The purpose of the application is to predict whether or not a user would survive the titanic, given specific inputs.

Data Fiend V2

A Python executable designed to chronolog changes in the stock market and used to test new strategies on prices gathered from the NSE.

This Resume

A copy of this resume in HTML/CSS and .pdf